

COORDINATING DRAFT**ANNEX B, APPENDIX 1
CHEMICAL STOCKPILE EMERGENCY PREPAREDNESS PROGRAM
EMERGENCY PLANNING ZONES AND EMERGENCY CLASSIFICATIONS****I. CHEMICAL STOCKPILE EMERGENCY PREPAREDNESS PROGRAM
(CSEPP) EMERGENCY PLANNING ZONES** (See Figure 1,
Page B - 1- 5)**A. Immediate Response Zone**

The Immediate Response Zone (IRZ) extends approximately six to nine miles from the chemical event location. This area would be the first location to be affected by an accidental release of chemical agent and would receive the heaviest agent concentrations. This zone encompasses an area where an agent release under stable weather conditions would arrive in lethal concentrations in one hour. In Washington State, the IRZ falls entirely within Benton County.

B. Protective Action Zone

The Protective Action Zone (PAZ) extends beyond the IRZ to a radius of 10 to 30 miles from the potential chemical event location. The primary emergency response is evacuation, because it is anticipated there will be sufficient time to allow an orderly and complete evacuation. The distance from Umatilla Chemical Depot (UMCD) to the PAZ boundary is based on the maximum distance for fatalities for most chemical event releases during the on-post chemical weapons disposal phase.

C. Precautionary Zone

The Precautionary Zone (PZ) is the outermost Emergency Planning Zone (EPZ) and extends from the EPZ outer boundary to a distance where the risk of adverse impacts to humans is negligible. The distance will vary substantially based upon the circumstances and must be determined for each chemical event. For worst case accidents that may have lethal affects beyond the PAZ, sufficient warning and response time is available to execute effective protective actions. The possibility of a release extending into the PZ is considered to be extremely remote. Therefore, the outer PZ boundary is not set prior to an actual chemical event. The primary function of the jurisdictions in the PZ is to provide support to the IRZ and PAZ jurisdictions and the population in the Marine Safety Zone (MSZ) during the course of a chemical release.

D. Marine Safety Zone

The MSZ is the Columbia River extending from mile marker 262, west of Crow Butte State Park on the Washington State side of the river, to mile

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marker 305, east of Juniper Canyon on the Oregon side of the river. The area includes all parks immediately adjacent to the river within the identified mile markers and all islands between the identified mile markers. In Washington State, the MSZ is considered to be the zone most vulnerable to affects from a release of chemical agent from UMCD because of its proximity to the UMCD, the vulnerability of people in boats on the river, and the vulnerability of workers at the McNary Dam.

NOTE: Washington State is responsible for warning within the MSZ and the IRZ and PAZ depicted on the Benton County emergency map at Figure 2.

II. CSEPP EMERGENCY CLASSIFICATIONS

A. Non-Surety Event

1. Description

A non-surety event is a situation that is in progress or has occurred at UMCD and indicates a potential degradation of the level of safety on-post. It is an event that is likely to occur, or has occurred, that may be perceived as an emergency, or that may be of general public interest, but which poses no chemical hazard to on-post personnel or the off-post public. The UMCD shall adjust the emergency classification to the appropriate level as the emergency develops. Examples of a non-surety event are:

- a. A brush fire on-post.
- b. An unauthorized person on-site.
- c. Accidental detonation of non-chemical munitions outside of the chemical storage area.

2. Purpose of Response

To ensure the first step in any response has been carried out, to provide current information on the situation leading to the declaration, and to provide systematic handling of non-surety event information and decision-making.

3. Release Potential

No releases of a chemical agent that would require emergency monitoring on the part of any government agency, are expected unless further degradation of UMCD's safety systems occurs.

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Events that are likely to occur or have occurred that involve an actual or potential release of a chemical agent with effects expected to be confined to the area immediately around the release. The release does not have the potential of going beyond the UMCD boundaries.

2. Response

To ensure off-post emergency workers are readily available to respond if the situation degrades and becomes more serious; to provide affected Washington State agencies, each county within the IRZ, PAZ, and PZ, the public in the MSZ, and federal authorities with current status information.

C. Post Only Emergency**1. Description**

Events that are likely to occur or have occurred that involve an actual or potential release of chemical agent with effects beyond the immediate area surrounding a chemical event. Releases are not expected to present a danger to the off-post public. This level will be declared when the predicted chemical agent no-effect dosage extends beyond the immediate area of the chemical release, but does not, and is not likely to, extend beyond the UMCD boundary.

2. Response

When a post only emergency is declared the Washington State Emergency Operations Center (EOC), the Benton County EOC, and the affected PZ counties' EOCs will be fully activated. Emergency workers required to implement the evacuation procedures will stay at their duty stations to provide current information and protective action recommendations to the Washington State EOC, each effected county EOC, federal authorities, and the public.

D. Community Emergency**1. Description**

Events that are imminent or have occurred that can be expected to present a danger to the public beyond the UMCD boundary.

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This level will be declared when a sufficient quantity of chemical agent capable of causing negative health effects in the general public has been released and extends or has the potential to extend beyond the installation boundary.

2. Purpose of Response

To initiate established protective actions for the public, and provide continuous assessment of information from the UMCD. Additional protective measures will be included as indicated by actual or potential releases. Current information will be provided to the state EOC, the Benton County EOC, the affected PZ counties, federal authorities, and the public.